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September 6, 2002

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DATE: September 6, 2002  
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U.S. Patent and Trademark Office  
P. O. Box 2327  
Arlington, VA 22202

Re: U.S. Patent Application Serial No. 09/644,380 entitled "Dietary Control of Arachidonic  
Acid Metabolism," Floyd H. Chilton (Our Ref No.: WAK200/20000/4-009(A)8CIP)


Sir:

Enclosed for filing in the above-referenced patent application is:

1. A Response to Office Action mailed April 9, 2002, including request for extension of time of two months to and including September 9, 2002;
2. Check in the amount of \$200.00 as the fee for the extension of time; and
3. A return postcard to acknowledge receipt of these documents. Please date stamp and mail this postcard.

Should any fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, the Assistant Commissioner is hereby authorized to deduct said fees from VINSON & ELKINS L.L.P. Deposit Account No. 22-0365/WAK200/4-009(A)8CIP/20000.

Respectfully submitted,

  
Timothy S. Corder  
Reg. No. 38,414

9282:3058  
Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Dr. Floyd H. Chilton

Serial No.: 09/644,380

Filed: August 23, 2000

For: DIETARY CONTROL OF  
ARACHIDONIC ACID METABOLISM

Group Art Unit: 1617

Examiner: Jiang, S.

Atty. Dkt. No.: WAK200/4-009(A)8CIP

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**RESPONSE TO OFFICE ACTION OF APRIL 9, 2002**

U.S. Patent and Trademark Office  
P. O. Box 2327  
Arlington, VA 22202

Sir:

The present paper is filed in response to an Office Action of April 9, 2002, the date for response for which was July 9, 2002. The commissioner is requested to consider this a request for a 2 month extension of time, bringing the date to September 9, 2002. This response is thus believed to be timely filed. The fee of \$200.00 for a two month extension is enclosed. No further fees are believed to be due with the filing of this paper, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Vinson & Elkins L.L.P. Deposit Account No. 22-0365/WAK200/4-009(A)8CIP.

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## AMENDMENTS

Please cancel claims 47 and 48 as drawn to a non-elected invention.

Please enter the following substitute claims containing amendments. A marked-up copy of the amended claims is attached below.

a1 1. (Amended) A composition for diminishing symptoms of inflammatory disorders, said composition comprising an unsaturated fatty acid portion, wherein said unsaturated fatty acid portion consists of  $\gamma$ -linolenic acid, a  $\Delta^5$  desaturase inhibitor, and optionally a competitive inhibitor of arachidonic acid metabolism, wherein the composition provides a ratio of  $\gamma$ -linolenic acid to  $\Delta^5$  desaturase inhibitor of from about 1:1 to about 2:1.

2. (Amended) The composition of claim 1, wherein the  $\gamma$ -linolenic acid, the  $\Delta^5$  desaturase inhibitor, and the competitive inhibitor are from around 80% to about 95% pure unsaturated fatty acids.

a2 19. (Amended) A milk based drink for treatment of inflammatory disorders comprising an unsaturated fatty acid portion, wherein said unsaturated fatty acid portion consists of  $\gamma$ -linolenic acid, a  $\Delta^5$  desaturase inhibitor, and stearidonic acid, wherein the composition provides a ratio of  $\gamma$ -linolenic acid to  $\Delta^5$  desaturase inhibitor of from about 1:1 to about 2:1.

20. (Amended) A juice based drink for treatment of inflammatory disorders comprising an unsaturated fatty acid portion, wherein said unsaturated fatty acid portion consists of  $\gamma$ -linolenic acid and a  $\Delta^5$  desaturase inhibitor in a ratio of from about 1 to 1 to about 2:1.

a3 25. (Amended) A composition comprising a liquid comprising an unsaturated fatty acid portion, wherein the unsaturated fatty acid portion consists of 80-95% pure  $\gamma$ -linolenic acid, eicosapentaenoic acid, and stearidonic acid wherein the composition provides a ratio of  $\gamma$ -linolenic acid to  $\Delta^5$  desaturase inhibitor of from about 1 to 1 to about 2:1.